

# REPORT ON BOILERS.

No. 40865.

Date of writing Report *12<sup>th</sup> Feb 21* When handed in at Local Office *14<sup>th</sup> Feb 1921* Port of *Glasgow*  
No. in Reg. Book. *Annau* Date, First Survey *22<sup>nd</sup> Oct. 1920* Last Survey *11<sup>th</sup> Feb 1921*  
on the *Donkey Boiler N° 8577* S/S *"CABO HUERTAS"* (Number of Visits *7*)  
Master \_\_\_\_\_ Built at \_\_\_\_\_ By whom built \_\_\_\_\_ When built \_\_\_\_\_  
Boilers made at *Annau* By whom made *Cochran & Co., Annau, Ltd.* When made *1921*  
Owners *YBARRA & Co.* Port belonging to *SEVILLA*

VERTICAL DONKEY BOILER— No. *8577* Description *Cochran* Manufacturers of steel *Holville Bros*  
Made at *Annau* By whom made *Cochran & Co.* When made *1921* Where fixed \_\_\_\_\_ Working pressure *100*  
tested by hydraulic pressure to *200* Date of test *11/2/21* No. of Certificate *15696* Fire grate area *3 1/2 ft* Description of safety valves \_\_\_\_\_  
No. of safety valves \_\_\_\_\_ Area of each \_\_\_\_\_ Pressure to which they are adjusted \_\_\_\_\_ If fitted with easing gear \_\_\_\_\_ If steam from main boilers can enter the donkey boiler \_\_\_\_\_  
Dia. of donkey boiler *7'-6"* Length *16'-3"* Material of shell plates *Steel* Thickness *9/16"* Range of tensile strength *28/32* Descrip. of riveting long. seams *Lap. D.R.* Dia. of rivet holes *2 1/32"* Whether punched or drilled *drilled* Pitch of rivets *2 1/2"*  
Lap of plating *4 1/2"* Per centage of strength of joint \_\_\_\_\_ Rivets *69* Working pressure of shell by rules *103* Thickness of shell crown plates *29/32"*  
Radius of do. *45 ins* No. of Stays to do. *none* Dia. of stays \_\_\_\_\_ Diameter of furnace Top *Radius* Bottom *78 ins* Length of furnace *50 1/4 ins*  
Thickness of furnace plates *29/32"* Description of joint *Stuck Ring* Working pressure of furnace by rules *100* Thickness of furnace crown plates *9/16"* Radius of do. *39 inches* Stayed by *Hemisphere* Diameter of uptake *2 1/2 x 25* Thickness of uptake plates *9/16"*  
Thickness of water tube plates *7/16"* B. *13/16"*  
The foregoing is a correct description,  
For COCHRAN & CO., ANNAN, LIMITED  
*G. Watley* Manufacturer.

Dates { During progress of work in shops - *1920 Oct-22 Nov-4 (1921) Jan-14-21-28 Feb-4-11.*  
of Survey { During erection on board vessel - -  
while building {  
Total No. of visits *7*

Drawing N° *11752*.  
Is the approved plan of boiler forwarded herewith *Yes*.

## GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

*The boiler has been built under special survey.*  
*The workmanship and materials are good.*  
*The boiler is to the order of Sociedad Espanola de Construcción Naval Bilbao Ship N° 19.*

Survey request form  
C1803.  
No. \_\_\_\_\_ attached

Survey Fee ... £ *4 : 4* : } When applied for, \_\_\_\_\_  
Travelling Expenses (if any) £ : : } When received, \_\_\_\_\_

Committee's Minute \_\_\_\_\_  
Assigned \_\_\_\_\_

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUE 15 AUG. 1922

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